Hamza Munawar

hamzamunawar345@gmail.com
(+92) 344-297-1754
Islamabad, Pakistan
hamza-munawar.in
iamhamzabaig.github.io

As an avid Angular developer, I specialize in crafting cross-platform web applications with Google's Angular framework. My passion lies in utilizing my engineering skills to solve real-world challenges, all while prioritizing user-friendly software design, robust architecture, adherence to best practices, and comprehensive documentation..

EXPERIENCE

AIMS Soft, Islamabad— Software Engineer (Angular)

SEP 2023 - Current 2024

- Developed and implemented a scalable architecture for an ERP solution, including support for multi-module functionality
- Performed extensive refactoring of complex code structures within the ERP system, introducing unit testing methodologies for improved code quality and maintainability
- Led front-end engineering to automate deployment processes for web apps using Continuous Deployment (CD), resulting in approximately 10% time savings
- Implemented dynamic data visualization components using Angular for enhanced user insights
- **Key Technologies:** Angular, TypeScript, RxJS, NgRx, GitHub

AIMS Soft, Islamabad— Quality Assurance Engineer (QA Tester)

JAN 2023 - AUG 2023

- Conducted thorough quality assurance testing for an ERP solution, specifically focusing on the fee module and its integrations with core modules in a school management system
- Identified and reported bugs, ensuring they were promptly addressed to maintain system integrity and functionality
- Developed comprehensive test cases and scenarios to validate the functionality, usability, and performance of the ERP solution
- Collaborated with developers and stakeholders to prioritize and resolve issues, ensuring a seamless user experience
- Implemented automation scripts using testing frameworks such as Selenium to streamline testing processes and increase efficiency
- Provided detailed documentation of test procedures, results, and findings to support ongoing development and maintenance efforts
- Participated in regular meetings and discussions to contribute insights and suggestions for improving the quality and reliability of the ERP solution
- **Key Technologies:** TestRail, Selenium, Jira,

EDUCATION

Virtual University of Pakistan, Islamabad — BSCS

Bachelors in Computer Science

2019 - 2023

PROJECTS

Burj-Ul-Zaki Guest House — ERP Solution

Feb 2024

Developed an ERP solution for Burj-Ul-Zaki Guest House, facilitating seamless management of bookings, guest information, and room availability

Implemented an Angular front-end for the ERP system to ensure intuitive user interface and efficient navigation

Collaborated with stakeholders to gather requirements and prioritize features, ensuring alignment with business objectives

Integrated essential functionalities such as **booking management**, **room allocation**, and **billing processes** into the ERP platform

Performed rigorous testing to identify and resolve bugs, ensuring smooth operation of the guest house management system

Provided user training and support to ensure effective utilization of the ERP solution

Continuously monitored and updated the system to adapt to evolving business needs and requirements

Key Technologies: Angular, TypeScript, HTML, CSS,

AMRC — Clinic Web App

DEC 2023

Developed a comprehensive clinic web application for AMRC Clinic utilizing Angular. This application serves as a versatile platform tailored to meet the clinic's specific needs, providing seamless management of patient records, appointment scheduling, and administrative tasks. With a user-friendly interface and intuitive navigation, the web app enhances operational efficiency and improves patient care delivery. Leveraging Angular's robust features and best practices, the clinic web app ensures scalability, maintainability, and performance. It represents a significant step forward in digitizing clinic operations, streamlining workflows, and enhancing overall service quality for both patients and staff.

Key Technologies: Angular, TypeScript, HTML, CSS,

SMS — School Management System (ERP Solution)

SEP 2023

Played a key role in the development and enhancement of the *Exam module* within a large-scale ERP School Management System (SMS).

Collaborated with the team to design and implement intuitive user interfaces for exam scheduling, grading, result processing, and report generation functionalities.

Utilized Angular's robust features to ensure seamless navigation and efficient data management within the Exam module.

Streamlined exam-related processes to improve workflow efficiency and enhance overall system functionality.

Implemented features to improve data accuracy and reliability, ensuring the integrity of exam-related information.

Contributed to the system's effectiveness in supporting academic operations by enhancing the Exam module's capabilities.

Key Technologies: Angular, TypeScript, HTML, CSS,

Licenses and Certifications

Learn JavaScript — Codedamn

Issued May 2022

- Certainly, here's a concise version without headings:
- Go from a total beginner to someone who understands JavaScript
- Programming fundamentals: variables, conditionals, data structures
- ES6+ JavaScript syntax
- Practice your new skills with coding challenges

Automate Boring Stuff with Python — Udemy

Issued June 2020

- Proficient in Python programming, including automation techniques.
- Skilled in file manipulation, data parsing, and web scraping for efficient data handling.
- Experienced in automating desktop tasks through GUI interactions.
- Competent in using regular expressions for text processing.
- Capable of debugging Python scripts and troubleshooting errors.
- Applied skills to real-world projects, enhancing problem-solving abilities.
- Familiar with Git for version control and code management.
- Adheres to coding standards and documentation practices for maintainable code.
- Committed to continuous learning and professional development in Python and automation.

Python Object-Oriented-Programming — LinkedIn

Issued Nov 2022

- Proficient in Python Object-Oriented Programming (OOP), mastering core principles and methodologies.
- Applied OOP concepts to develop scalable software solutions and refactor existing codebases.
- Knowledgeable in common design patterns, testing, debugging, and collaborative development practices.
- Experienced in version control with Git and committed to continuous learning and improvement in Python OOP.
- Demonstrated problem-solving abilities through real-world application of OOP principles.